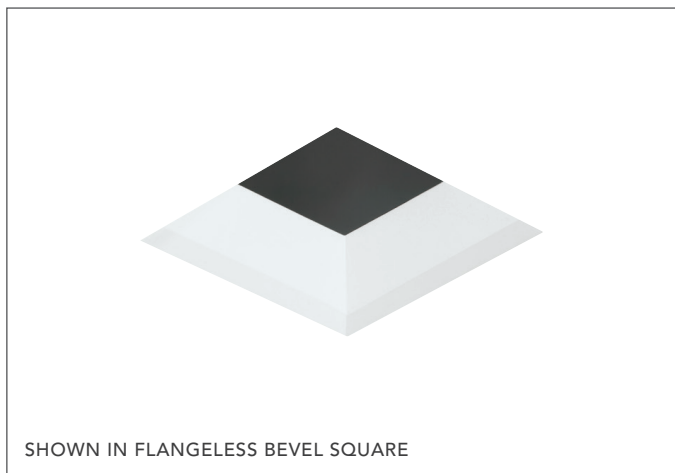


3" LED



FIXED DOWNLIGHT



SHOWN IN FLANGELESS BEVEL SQUARE

SMALL APERTURE LED DOWNLIGHT WITH ARCHITECTURAL APPEARANCE.
LED MODULE AND OPTICS ARE MODULAR FOR EASE OF REPLACEMENT.

LAMPING & OPTICS

- High Output:
 - 1500/1200 net lumens at 3000K (80 CRI/90 CRI)
 - 83/67 net lumens per watt at 3000K (80 CRI/90 CRI)
- Low Output:
 - 1000/800 net lumens at 3000K (80 CRI/90 CRI)
 - 83/67 net lumens per watt at 3000K (80 CRI/90 CRI)
- CA Title 24 Compliant with 90 CRI versions
- 2700K, 3000K, 3500K with 3-step color binning
- Field-changeable optic: 15°, 25°, 40° (CBCP: 5618, 3856, 1575 respectively). Accepts two optical controls and an optional trim mounted lens

POWER / POWER SUPPLY

- High Output consumes 18 watts, Low Output consumes 12 watts
- Constant current driver with +.9 power factor and +80% efficiency
- Dimmable with ELV or incandescent dimmer to 2%-15% depending on dimmer; see element-lighting.com for compatibility
- Optional Lutron Hi-Lume™ driver offers 1% dimming
 - HL2W/PWM – Two wire low-voltage electronic dimming
 - HL3W/ECO – Three wire dimming or Lutron Eco-System®
- Optional 0-10V dimming
- Consult Quotes Dept for alternate or custom driver selections

TRIMS

- Die cast aluminum with minimal thickness
- Available in flanged or flangeless ceiling appearance
- Lensed and shower aperture includes Solite™ soft focus lens
- White can be field painted to match adjacent finishes
- Accommodates up to 2.5" ceiling thickness, depending on trim

HOUSING

- IC/Non-IC/Chicago Plenum: 11.5" x 17.5" x 6"
- Constructed of heavy gauge cold rolled steel with durable matte black powder coat finish
- 3-7/8" ceiling opening
- Airtight and available in IC, Non-IC or Chicago Plenum
- Includes integral junction box approved for branch circuit through wiring
- ETL listed. Damp listed. Shower version wet listed.

Visit www.element-lighting.com for full photometrics.

GENERATION BRANDS



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ELEMENT
by Tech Lighting®

7400 Linder Avenue, Skokie, Illinois 60077 T 847.410.4400 F 847.410.4500

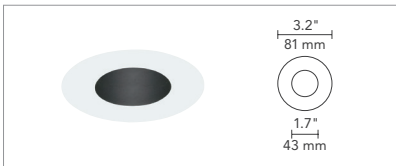
FIXED DOWNLIGHT

TRIMS

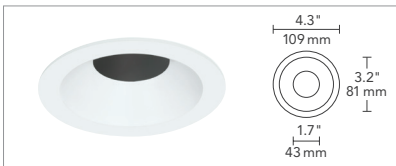
ROUND



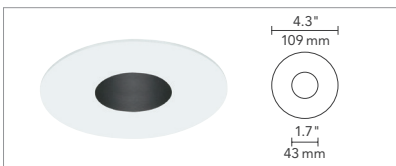
FLANGELESS BEVEL



FLANGELESS FLAT

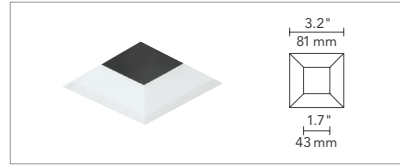


FLANGED BEVEL

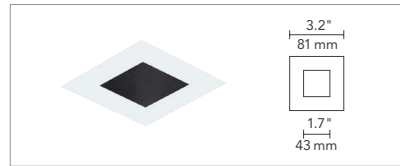


FLANGED FLAT

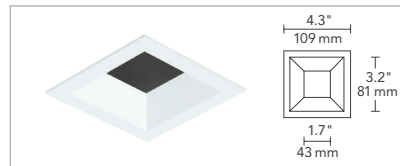
SQUARE



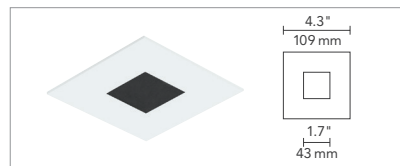
FLANGELESS BEVEL



FLANGELESS FLAT



FLANGED BEVEL



FLANGED FLAT

FINISH



ANTIQUE BRONZE



BLACK

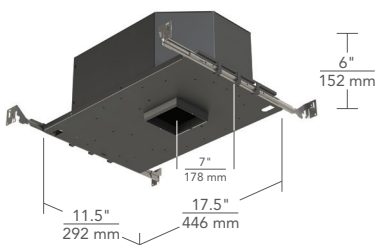


SATIN NICKEL



WHITE (PAINTABLE)

3" HOUSING



IC/NON-IC/CHICAGO PLENUM

3" LED

FIXED DOWNLIGHT

GRIDS

HOUSING (SEE PG. XX FOR HOUSING DIMENSIONS)

PRODUCT SERIES	CEILING APPEARANCE	LAMP	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE	
E3R	ELEMENT 3" ROUND	LF FLANGELESS	-LH827 80 CRI, 2700K, HIGH OUTPUT†	1 15°	D DOWNLIGHT	I IC AIRTIGHT	STANDARD ELV (LEAVE BLANK)	120 VOLT (LEAVE BLANK)
		FF FLANGED	-LH830 80 CRI, 3000K, HIGH OUTPUT†	2 25°		N NON-IC AIRTIGHT		
E3S	ELEMENT 3" SQUARE	-LH835	80 CRI, 3500K, HIGH OUTPUT†	4 40°	C CHICAGO PLENUM	-HL2W/PWM	LUTRON HI-LUME	-240 240 VOLT
		-LH927	90 CRI, 2700K, HIGH OUTPUT†				2 WIRE / PWM	-277 277 VOLT
		-LH930	90 CRI, 3000K, HIGH OUTPUT†					
		-LH935	90 CRI, 3500K, HIGH OUTPUT†					
		-LO827	80 CRI, 2700K, LOW OUTPUT				-HL3W/ECO	LUTRON HI-LUME
		-LO830	80 CRI, 3000K, LOW OUTPUT					3 WIRE OR
		-LO835	80 CRI, 3500K, LOW OUTPUT					ECO-SYSTEM
		-LO927	90 CRI, 2700K, LOW OUTPUT					DIMMING
		-LO930	90 CRI, 3000K, LOW OUTPUT				-010	0-10V DIMMING
		-LO935	90 CRI, 3500K, LOW OUTPUT					

D

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY. †HIGH OUTPUT HI-LUME OPTIONS ONLY AVAILABLE IN CHICAGO PLENUM HOUSING. HI-LUME NOT COMPATIBLE WITH ROUND FLANGELESS HOUSING.
 *HL2W/PWM - TWO WIRE LOW-VOLTAGE ELECTRONIC DIMMING, 120 VOLT ONLY.

TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH	
E3R	ELEMENT 3" ROUND	L FLANGELESS	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
		F FLANGED	F FLAT	-H SHOWER	B BLACK
E3S	ELEMENT 3" SQUARE	UP TO 1" CEILING THICKNESS		-L LENSED	S SATIN NICKEL
		F15 FLANGED	1.1"-1.5" CEILING THICKNESS		W WHITE
		F20 FLANGED	1.6"-2.0" CEILING THICKNESS		
		F25 FLANGED	2.0"-2.5" CEILING THICKNESS		

REPLACEMENT OPTIC

	BEAM SPREAD
351LEDHIOPT	15 15°
	25 25°
	40 40°
351LEDHIOPT	

PROJECT INFO

FIXTURE TYPE _____

FIXTURE QUANTITY _____

JOB NAME _____

NOTES _____

3" LED

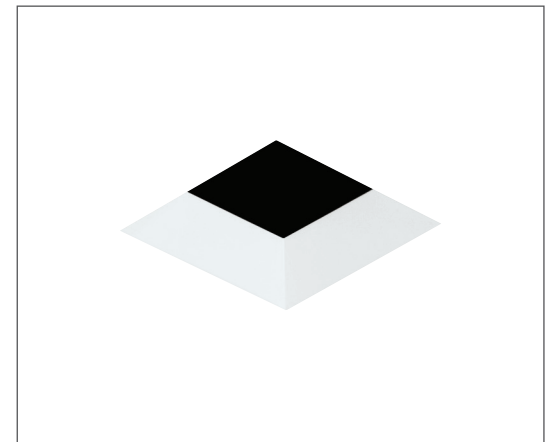
ULTRA SHALLOW FIXED DOWNLIGHT

Small aperture LED downlight with architectural appearance housed in an ultra-shallow 2" above the ceiling housing. LED module and optics are modular for ease of replacement. Wood ceiling option allows for a smooth, flangeless appearance using any flangeless trim.

- 2" above the ceiling ultra shallow housing for tight plenum spaces
- Trims are die cast aluminum and match ELEMENT 3" series
- Lensed and shower aperture includes Solite™ soft focus lens
- LED module and optics are modular for ease of replacement
- Includes integral junction box approved for branch circuit through wiring

SPECIFICATIONS

	HIGH OUTPUT (AT 3000K)		LOW OUTPUT (AT 3000K)		WARM DIM	
					HIGH	LOW
DELIVERED LUMENS	1811	1476	1319	1124	1320	900
WATTS	18	18	12	12	18	12
EFFICACY	100	82	110	94	73	75
CRI	80+	90+	80+	90+	90+	90+
CBCP	18° - 5848; 25° - 5416; 40° - 3369					
CCT OPTIONS	2700K, 3000K, 3500K, or Warm Color Dimming (3000K-1800K)***					
VOLTAGE	120V or 277V					
DIMMING*	TRIAC, ELV, 0-10V					
POWER SUPPLY	Constant current driver with +.9 power factor and +80% efficiency					
OPTICS	Field Changeable: 15°, 25°, 40° TIR					
CEILING APPEARANCE	Flanged (accommodates up to 2.5" ceiling thickness) or Flangeless					
CEILING APERTURE	3-7/8" ceiling cut-out					
HOUSING	IC Airtight, Non-IC Airtight, Chicago Plenum. IC suitable up to R60 spray foam insulation.					
CONSTRUCTION	Housing: Heavy gauge cold rolled steel Trims: Die-cast aluminum					
FINISH	Housing: Black powder coat Trims: Antique Bronze, Black, Satin Nickel, White (paintable)					
GENERAL LISTING	ETL listed. Damp listed. Shower version wet listed.					
CALIFORNIA TITLE 24	Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6 for 90 CRI versions.					
LED LIFETIME	L70; 50,000 hours					
WARRANTY**	5 years					



shown in flangeless bevel square

*See ELEMENT-lighting.com for dimmer compatibility. Consult Quotes Dept for alternate or custom driver selections.

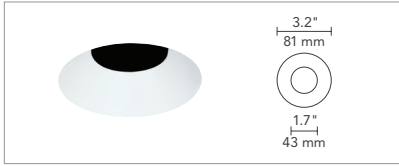
**Visit ELEMENT-lighting.com for specific warranty limitations and details.

***Warm color dimming not available with 10° optics.

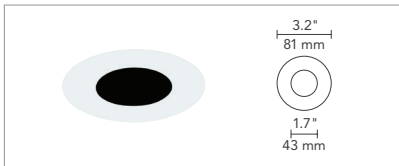
Accepts two optical controls and an optional trim-mounted lens.

TRIMS

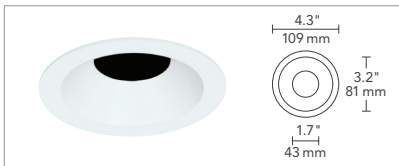
ROUND



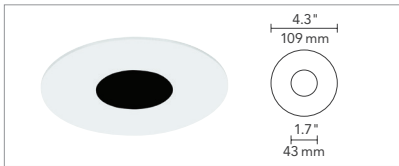
FLANGELESS BEVEL



FLANGELESS FLAT

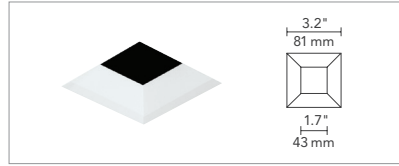


FLANGED BEVEL

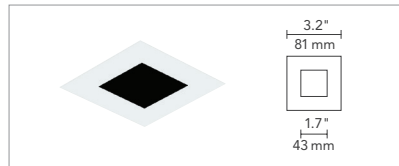


FLANGED FLAT

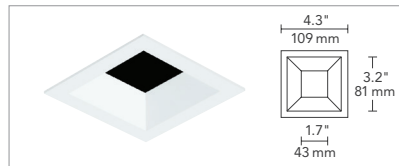
SQUARE



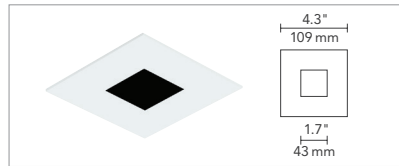
FLANGELESS BEVEL



FLANGELESS FLAT

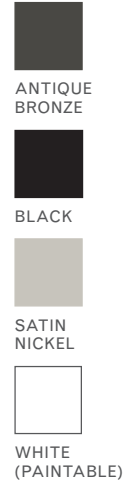


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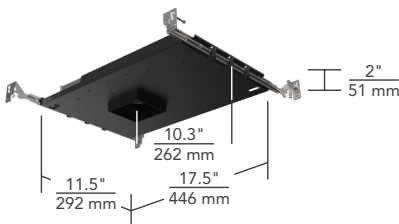


FLANGED FLAT

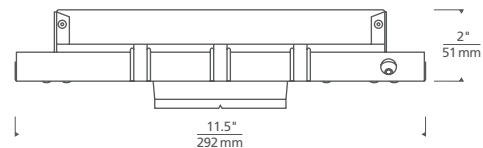
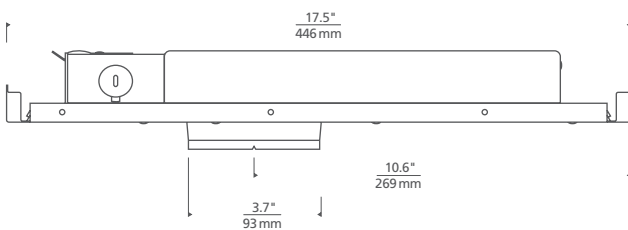
FINISH



3" HOUSING



IC / NON-IC / CHICAGO PLENUM



WOOD CEILING FLANGELESS OPTIONS / FLANGELESS TRIMS

ROUND



FLANGELESS BEVEL (ANTIQUÉ BRONZE)



FLANGELESS FLAT (ANTIQUÉ BRONZE)



FLANGED BEVEL (ANTIQUÉ BRONZE)



FLANGED FLAT (ANTIQUÉ BRONZE)

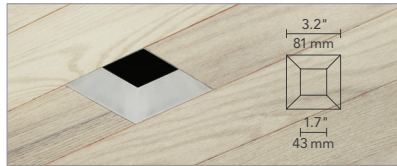
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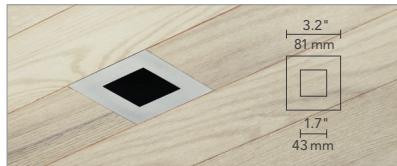
FLANGELESS BEVEL (SATIN NICKEL)



FLANGELESS FLAT (SATIN NICKEL)

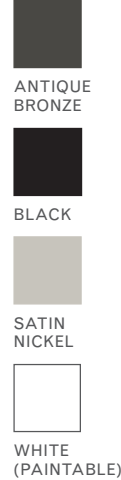


FLANGED BEVEL (SATIN NICKEL)

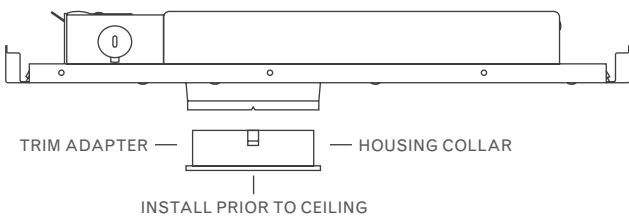


FLANGED FLAT (SATIN NICKEL)

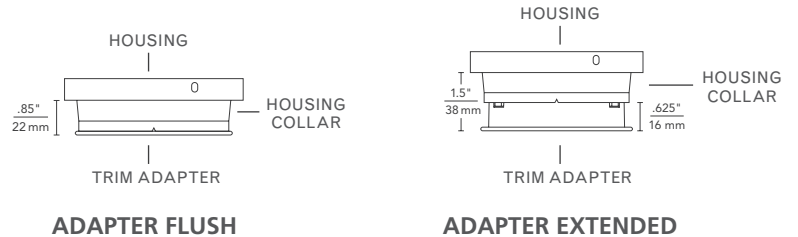
FINISH



ADJUSTABLE TRIM ADAPTER



TRIM ADAPTER INSTALLED



Wood ceiling housings (“WC” designation in the ordering grid) ship with an adjustable trim adapter that inserts into the housing aperture and allows standard ELEMENT 3” flangeless trims to achieve a truly flangeless, flush ceiling appearance in special applications such as wood or stone installation. For use in new construction.

Consult installation instructions regarding plenum requirements and ceiling thickness ratios.

3" LED

ULTRA SHALLOW FIXED DOWNLIGHT

GRIDS

HOUSING

PRODUCT SERIES	CEILING APPEARANCE	LAMP	CRI/CCT	BEAM SPREAD	FUNCTION	HOUSING RATING	DRIVER	VOLTAGE
E3R ELEMENT 3" ROUND	LF FLANGELESS	-LH CITIZEN HIGH OUTPUT	827 80CRI/2700K	1 18°	D DOWNLIGHT	US ULTRA SHALLOW IC/NON-IC AIRTIGHT	STANDARD ELV (LEAVE BLANK)	120 VOLT
	FF FLANGED		830 80CRI/3000K	2 25°				120 VOLT (LEAVE BLANK)
E3S ELEMENT 3" SQUARE	WC WOOD CEILING*	-LO CITIZEN LOW OUTPUT	835 80CRI/3500K	4 40°		CUS CHICAGO PLENUM ULTRA SHALLOW	-010 0-10V DIMMING	-277 277 VOLT
			927 90CRI/2700K					
			930 90CRI/3000K					
			935 90CRI/3500K					
			WD 90CRI WARM DIM/3000K-1800K					

D

TRIMS ARE REQUIRED AND MUST BE ORDERED SEPARATELY.
*WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

TRIM

PRODUCT SERIES	CEILING APPEARANCE	STYLE	APERTURE	FINISH
E3R ELEMENT 3" ROUND	L FLANGELESS	B BEVEL	-O NO LENS	Z ANTIQUE BRONZE
E3S ELEMENT 3" SQUARE	F FLANGED UP TO 1" CEILING THICKNESS	F FLAT	-H SHOWER	B BLACK
	F15 FLANGED 1.1"-1.5" CEILING THICKNESS		-L LENSED	S SATIN NICKEL
	F20 FLANGED 1.6"-2.0" CEILING THICKNESS			W WHITE
	F25 FLANGED 2.1"-2.5" CEILING THICKNESS			

WOOD CEILING OPTION ACCOMMODATES FLANGELESS TRIMS ONLY.

REPLACEMENT OPTICS

	BEAM SPREAD
353E4LEDCOPT	18 18°
	25 25°
	40 40°
353E4LEDCOPT	

PROJECT INFO

FIXTURE TYPE & QUANTITY	JOB NAME & INFO	NOTES

ELEMENT
by Tech Lighting®

GENERATION BRANDS
7400 Linder Avenue, Skokie, Illinois 60077
T 847.410.4400 F 847.410.4500



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3" LED

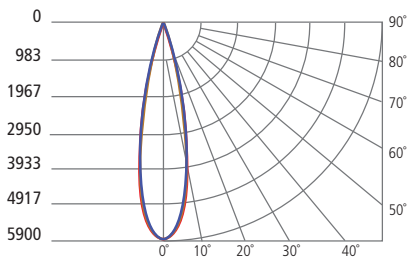
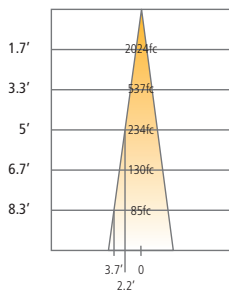
ULTRA SHALLOW FIXED DOWNLIGHT

PHOTOMETRICS: 3" CITIZEN LED

DESCRIPTION: 3" LED Module
18° Beam - 0° Tilt, 80 CRI, 3000K
MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.1
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1598*
LUMEN EFFICACY (LUMENS PER WATT): 88.1

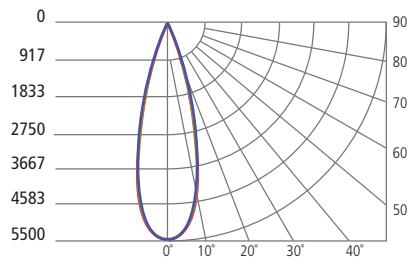
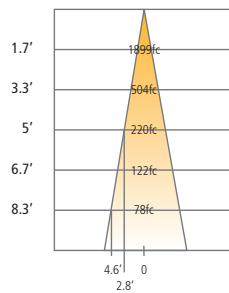
ANGLE	0°	45°	90°
0°	5848	5848	5848
5°	5500	5478	5491
10°	3919	3944	3905
15°	2103	2212	2149
20°	1058	1199	1075
25°	507	548	508
30°	250	237	250
35°	148	140	141
40°	93	98	94
45°	51	69	61
50°	33	46	37
55°	21	27	24
60°	4	15	10
65°	2	3	2
70°	2	2	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 3" LED Module
25° Beam - 0° Tilt, 80 CRI, 3000K
MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.3
INPUT POWER FACTOR: 0.98
ABSOLUTE LUMINOUS FLUX (LUMENS): 1754*
LUMEN EFFICACY (LUMENS PER WATT): 95.5

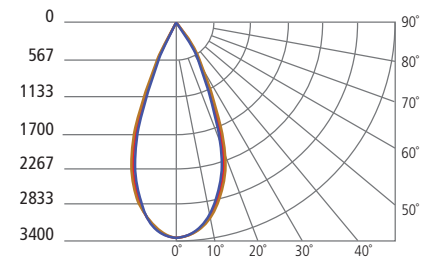
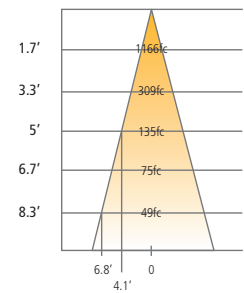
ANGLE	0°	45°	90°
0°	5422	5416	5427
5°	4916	4872	4888
10°	3800	3718	3721
15°	2040	2115	2016
20°	870	979	900
25°	400	441	414
30°	190	190	196
35°	103	103	105
40°	60	65	61
45°	27	43	31
50°	16	25	17
55°	7	12	7
60°	2	5	2
65°	2	2	2
70°	1	1	2
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



DESCRIPTION: 3" LED Module
40° Beam - 0° Tilt, 80 CRI, 3000K
MODEL: E3 Citizen LED

INPUT POWER (WATTS): 18.1
INPUT POWER FACTOR: 0.97
ABSOLUTE LUMINOUS FLUX (LUMENS): 1811*
LUMEN EFFICACY (LUMENS PER WATT): 100.1

ANGLE	0°	45°	90°
0°	3369	3369	3369
5°	3269	3245	3250
10°	3006	2955	2962
15°	2597	2550	2541
20°	2046	2013	1999
25°	1161	1206	1151
30°	498	519	492
35°	219	212	205
40°	110	112	103
45°	60	64	52
50°	24	37	21
55°	13	20	10
60°	4	9	3
65°	2	3	2
70°	1	2	1
75°	0	0	0
80°	0	0	0
85°	0	0	0
90°	0	0	0



*For 90 CRI values, multiply by 0.8.